

## CLAIMS

- 1 1. A method of preparing a web content file for downloading over a computer network,  
2 comprising the steps:  
3  
4 receiving a request from a browser for a web content file;  
5  
6 in response to receiving the request, reducing the size of the requested file by removing pre-  
7 identified subject matter from the file; and  
8  
9 downloading to the browser the reduced size file.
- 1 2. A method according to Claim 1, wherein the reducing step includes the step of removing  
2 comments and unused logic blocks from the file.
- 1 3. A method according to Claim 2, wherein the unused logic blocks are functions that are in the  
2 file but not used.
- 1 4. A method according to Claim 1, wherein the reducing step includes the step of consolidating  
2 duplicated logic blocks, and shortening recurring identifiers within the file.
- 1 5. A method according to Claim 4, wherein the consolidating step includes the step of identifying  
2 duplicated functions and replacing the duplicated functions with a reference to a single function  
3 in a library.
- 1 6. A system for preparing a web content file for downloading over a computer network,  
2 comprising:  
3  
4 means for receiving a request from a browser for a web content file;

5 means for reducing the size of the requested file, in response to receiving the request, by  
6 removing pre-identified subject matter from the file; and  
7  
8 means for downloading to the browser the reduced size file.

1 7. A system according to Claim 6, wherein the reducing means includes means for removing  
2 comments and unused logic blocks from the file.

1 8. A system according to Claim 7, wherein the unused logic blocks are functions that are in the  
2 file but not used.

1 9. A system according to Claim 6, wherein the reducing means includes the means for  
2 consolidating duplicated logic blocks, and means for shortening recurring identifiers within the  
3 file.

1 10. A system according to Claim 9, wherein the consolidating means includes means for  
2 identifying duplicated functions and replacing the duplicated functions with a reference to a  
3 single function in a library.

1 11. A program storage device readable by machine and tangibly embodying a set of instructions  
2 for the machine to perform method steps for preparing a web content file for downloading over a  
3 computer network, said method steps comprising:

4  
5 receiving a request from a browser for a web content file;

6  
7 in response to receiving the request, reducing the size of the requested file by removing pre-  
8 identified subject matter from the file; and  
9 downloading to the browser the reduced size file.

1 12. A program storage device according to Claim 11, wherein the reducing step includes the step  
2 of removing comments and unused logic blocks from the file.

1 13. A program storage device according to Claim 12, wherein the unused logic blocks are  
2 functions that are in the file but not used.

1 14. A program storage device according to Claim 11, wherein the reducing step includes the step  
2 of consolidating duplicated logic blocks, and shortening recurring identifiers within the file.

1 15. A program storage device according to Claim 14, wherein the consolidating step includes the  
2 step of identifying duplicated functions and replacing the duplicated functions with a reference to  
3 a single function in a library.